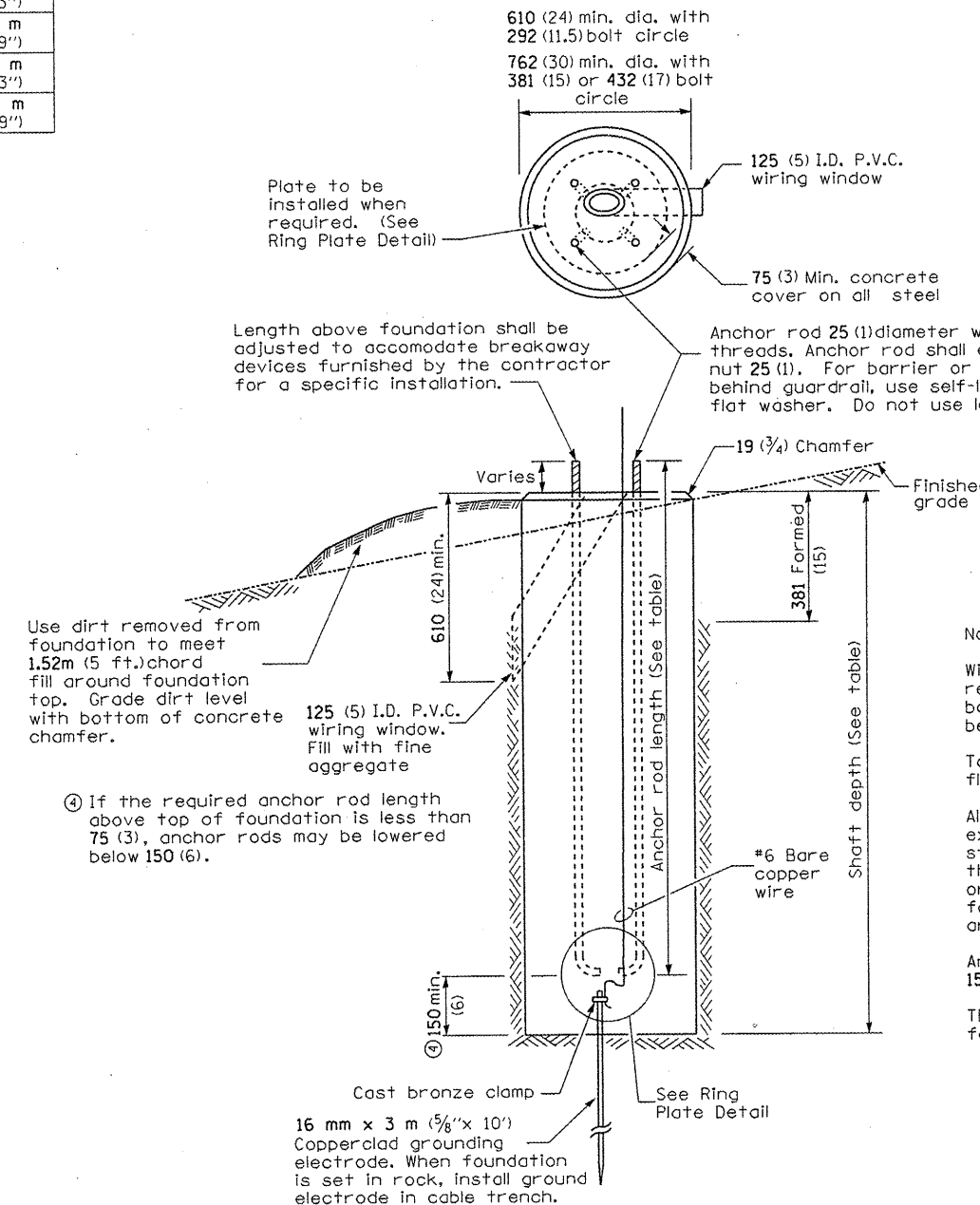
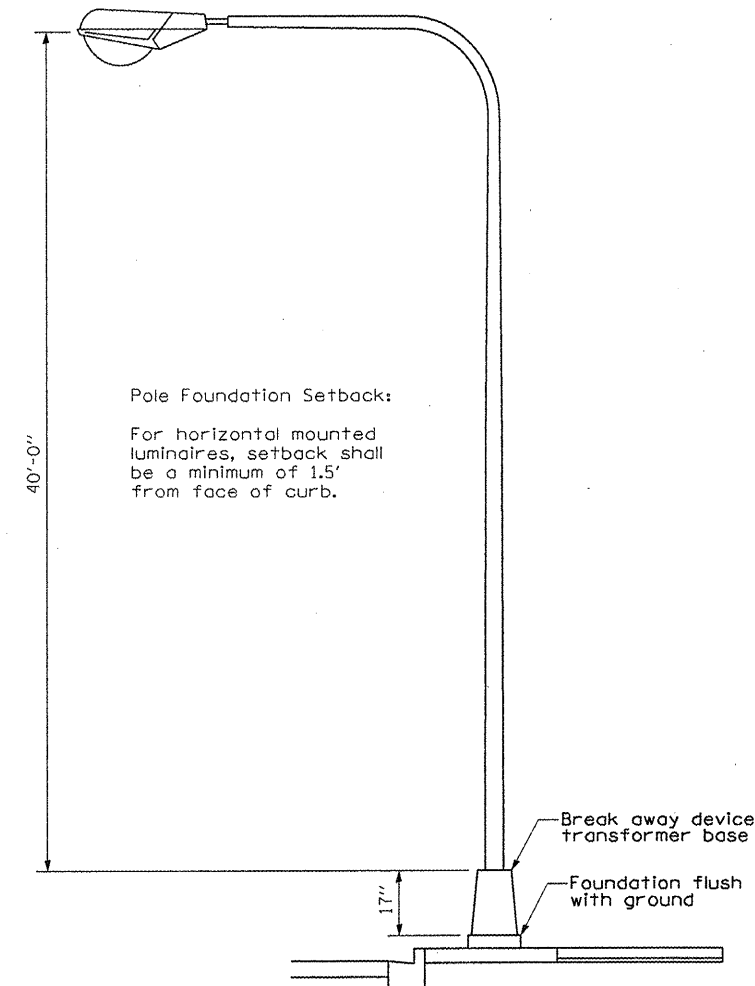


CONCRETE FOUNDATION				
LIGHT POLE HEIGHT	BOLT CIRCLE DIAMETER	SHAFT DIAMETER	SHAFT DEPTH	ANCHOR ROD LENGTH ^①
≤ 9.1 m (30')	292 (11.5)	610 (24)	1.52 m (5'-0")	1.45 m (4'-9")
9.4 m - 10.7 m (31'-35')	292 (11.5)	610 (24)	1.67 m (5'-6")	1.60 m (5'-3")
10.9 m - 12.2 m (36'-40')	381 (15) ③	762 (30)	1.83 m (6'-0")	1.75 m (5'-9")
12.5 m - 13.7 m (41'-45')	381 (15) ③	762 (30)	1.98 m (6'-6")	1.90 m (6'-3")
14.0 m - 15.2 m (46'-50')	381 (15) ③	762 (30)	2.13 m (7'-0")	2.00 m (6'-9")

- ① Length does not include 100 (4) hook
- ② Note has been removed.
- ③ Bolt circle diam. shall be 430 (17) when a TB3-17 transformer bases is used



CONCRETE FOUNDATION



Pole Foundation Setback:
For horizontal mounted luminaires, setback shall be a minimum of 1.5' from face of curb.

Notes:

Wireway may be on front, back, or side of foundation as required by the trenching. Place door of transformer base on wireway side to minimize the number of unit duct bends.

Top of schedule 40 125 (5) I.D. PVC wiring window, shall be flush with the top of foundation for drainage.

All foundations are designed to be located on slopes not exceeding 2:1 where soils have an unconfined compressive strength of at least 1.0 TSF. The contractor shall verify the soil strength during drilling for concrete foundations or by monitoring installation resistance on steel foundations and notify the engineer if other conditions are encountered.

Anchor rod shall be increased to 31 (1 1/4) diameter for 15.24 (50') mounting height or above.

TB3-17 transformer base is not to be used on metal foundation.

FILE NAME =	USER NAME = daws00078	DESIGNED - RDN	REVISED -
I:\09Jobs\09L0027A\CADD\Elec\Sheet\05.dgn		DRAWN - ANC	REVISED -
PLOT SCALE = 48.0000' / in.		CHECKED - RDN	REVISED -
PLOT DATE = 04/02/2012		DATE - 02/02/12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHMOOR ROAD STAGE 2 IMPROVEMENT
LIGHTING POLE FOUNDATION

SCALE: NONE SHEET NO. 6 OF 10 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-01-PV	PEORIA	125	56
11-00047-03-PV		CONTRACT NO. 89526		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT M-5093(137)		

All dimensions are in millimeters (inches) unless otherwise shown.